LANGUAGE-ENHANCED PROGRAMMING TOOLS
ABSTRACT

Statements of a computer program expressed using a first source natural language are made meaningful to a programmer familiar with a second target natural language. The first source natural language of the computer program is determined from the programmer, or through analysis, and the second target natural language desired by the programmer is selected. Textual constructs may be parsed, with reference to stored coding conventions to determine meaningful lexical tokens. Such tokens are translated with a translation engine, and displayed to the programmer, desirably using a graphical user interface feature of an integrated development environment (IDE) for computer programming in a particular programming language.